



#12
Amdt B
D. Smalls
31203

DOCKET NO.: 204290US2X

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
Hayami SUGIYAMA, et al. : EXAMINER: TRAN, H. H.
SERIAL NO: 09/800,504 :
FILED: MARCH 8, 2001 : GROUP ART UNIT: 2861
FOR: THERMAL HEAD AND :
CONTROLLER FOR :
CONTROLLING THE SAME :

AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Office Action dated September 11, 2002, please amend the above-identified application as follows:

IN THE CLAIMS

Please amend Claim 1 as shown in clean form below:¹

1. (Amended) A thermal head comprising:
a metal substrate;
an insulating layer formed on the surface of said metal substrate;
a plurality of heating elements disposed on the surface of said insulating layer, said heating elements being arranged with a predetermined pitch along a plurality of lines in a main scanning direction, said plurality of lines being spaced from each other in a paper feeding direction perpendicular to the main scanning direction; and

¹ A marked-up copy of the amendment is attached hereto.

RECEIVED
MAR 11 2003
TECHNOLOGY CENTER 2800

B'